

-6-

Claims.

- 1). A prosthesis for large blood vessels, wherein the prosthesis comprises a main conduit (2), at least one tract of which is subdivided into a plurality of small conduits (3) located parallel one to another.
- 2). The prosthesis of claim 1, wherein the small conduits (3) each have an
5 internal calibre which is smaller than an internal calibre of the main conduit (2).
- 3). The prosthesis of claim 2, wherein an overall section which is a sum of sections of the small conduits (3) is approximately equal to a section of the main conduit (2).
- 4). The prosthesis of claim 3, wherein the small conduits (3) are independent one
10 from another.
- 5). The prosthesis of claim 2, wherein the small conduits (3) are three in number.
- 6). The prosthesis of claim 5, wherein a small conduit of the small conduits (3) exhibits a greater calibre than two of the small conduits (3).
- 7). The prosthesis of claim 6, wherein the main conduit (2) and the small conduits
15 (3) are made of a bio-compatible material which exhibits a small elastic deformability in a transversal direction thereof and a greater elastic deformability in a longitudinal direction thereof.